

from the stack pointer register to the second stack save area if the least significant bit of the stack

pointer register indicates the second word size such that the width indication bit in the first stack

save area in memory indicates that the data values for the procedure have the second word size].

- 34. The method of claim 33, wherein the first stack save area is specified by a stack pointer value 0
- 1 in the stack pointer register.



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35. The method of claim 34, wherein the second stack save area is specified by the stack pointer

value in the stack pointer register plus an offset value that corresponds to an area in memory

required for the first stack save area.

- 0 36. The method of claim 33, wherein the first word size comprises 32 bits and the second word
- 1 size comprises 64 bits.
- 37. The method of claim 33, wherein the registers in the processor and the stack pointer register in 0
- 1 the processor comprise 16 registers each comprising 64 bits.
- 0 38. The method of claim 35, wherein the offset value and the area in memory for the first stack
 - save area each comprise 16 multiplied by 4 bytes per register.

REMARKS

Entry of the foregoing amendments is requested.

Respectfully submitted,

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